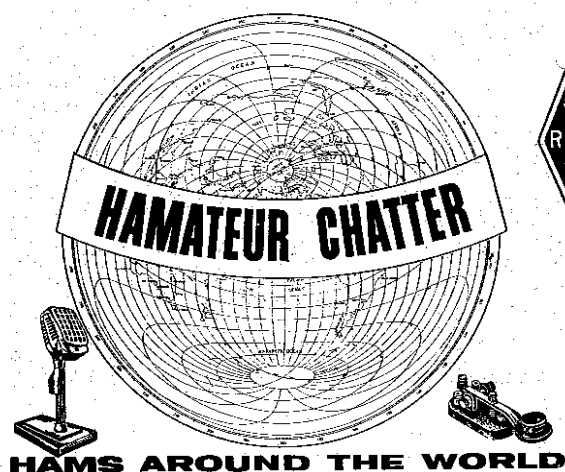


The Milwaukee Radio Amateurs' Club, Inc.

The World's Oldest Continuously Active Radio Amateur Club

NOVEMBER 1969 NUMBER SEVENTEEN



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M.R.A.C. OFFICERS

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Secretary	Walt Glish	W9YYW

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Old Timers Edition



Season Greetings



John G. "Jack" Doyle, W9GPI
1894 - 1968

As most of you know, Jack Doyle died of a heart attack at his home on Monday, May 13, 1968. Jack was born in Portage, Wis. in 1894 and came to Milwaukee as a child. The following is a brief outline of Jack's amateur radio activities:

- | | |
|-----------|--|
| 1925 | Became involved in commercial radio sales. |
| 1937 | Met Herb Parish, W9CCD, who interested him in amateur radio and taught Jack code. |
| 1939 | Received first ham ticket. |
| WW-2 | During the war years, Jack ran code classes at the Shorewood Opportunity School. He used the U.S. Army method and was very successful. Jack would moderate and Herb Parish and John Scarvaci, W9GIL, would follow with demonstrations. Jack also gave demonstrations to various other groups. |
| WW-2 | While hams were off the air during the war, the War Emergency Radio Service (W.E.R.S.) was organized and directed locally by Herb Wareing, W9NY. The Milwaukee group operated under the call sign WMFI and Jack built and installed unit-10 (WMFI-10) at the Shorewood Police Department. |
| WW-2 | Along with Norm Barnes, W9CDY, Jack kept the Milwaukee Radio Amateur's Club together during the lean war years. M.R.A.C. is the oldest continuously operating club in the USA. Following the war, amateur radio came back into its own and W9GIL was elected president and Jack became the Program Chairman. His programs, like the first demonstration of the new Collins "PTO", were presented to "Standing Room Only" at the Milwaukee Public Library Auditorium. |
| 1948 | Jack was instrumental in getting the A.R.R.L. National Convention in Milwaukee and was elected General Chairman. |
| 1949-1963 | Jack was elected Central Division Director of A.R.R.L. While Director, he was instrumental in: <ol style="list-style-type: none"> 1. Establishing publications like novice books 2. Starting work toward the new League headquarters building at 225 Main St. in Newington, Conn. 3. Formation of the Executive Committee of the League in about 1958 |
| 1967 | Named Village of Shorewood "MAN OF THE YEAR". He was the first to receive this annual award given by the Shorewood Men's Club. |

.....Continued

PRESIDENT'S NEWS AND VIEWS



What is your goal or have you reached it? This page is directed to the old-timer and what about you young-timers? We old-timers want our hobby perpetuated, and we want to be remembered for what we did and accomplished--is this wrong? There is a big generation gap in ham radio. The old-timers built their equipment but now most of us buy our equipment.

Now the big question--what do you want of our club? We old-timers are buying commercial gear also now. Do we want to continue on with technical sessions or with bull sessions?

In December we plan on talking about antennas with Harold Isenring, W9BTI. In January we have Old-Timers Night at the Pabst Rathskeller, but February is open. As a suggestion, would you like to have Milt Krauthoff, W9BTQ, print, develop and etch a printed circuit board at our meeting or Jack, W9VJM, talk about the requirements of a commercial radio and why we do not get a complete blackout or overloading of a radio when adjacent to the antenna with 50 KW, for instances.

Who can we get to tell us how to convert an older receiver of any kind to narrower band-width and updating? Who could tell us about the minimum of test equipment that a person should have prior to starting a job like this.

This is your club, express yourself on what you would like for programs, and we will see what we can bring in.

Dick Oberholtzer, W9ZPV

Jack Doyle

ORGANIZATIONS:

- | | |
|---------------------|--|
| 1. Past President | Wisconsin Councils of Radio Clubs |
| 2. Life Member | Milwaukee Radio Amateur's Club |
| 3. Editor | M.R.A.C. paper "Hamateur Chatter" |
| 4. Radio Officer | Milwaukee County Civil Defense Zone A |
| 5. Member | Wisconsin Chapter - Associated Public-Safety Communications Officers, Inc. (APCO) |
| 6. Radio Technician | Police Department, Village of Shorewood (held this post since original installation) |
| 7. Member | Communications Subcommittee, Milwaukee/Waukesha/Ozaukee Chapter, American National Red Cross |
| 8. Member | Board of Directors and agent, Amateur Radio Emergency Corps, Inc. (A non-profit Wisconsin Corporation) |

Much more could be said about Jack's amateur radio activities, such as: The 1964 Good Friday earthquake in Anchorage, Alaska, when he relayed most of the original traffic between the Anchorage International Airport and the F.A.A. Hq. in Oklahoma City; Also his contacts and phone patches with EVERY U.S. Navy amateur station in Antarctica. Jack's contributions to Amateur Radio will be missed.

Robert Goldstein, K9KJT

NOTICE!! Any AREC or MRAC member not receiving this paper, notify the editor.



Front row left to right: Louis Pahl, Leroy Degner 9FI, Clarence Crapo, 9VD, Dr. L.S. Hillegas Baird 9HO
Cornelius Prinslow 9OV, the rest not identified From Clarence Crapo collection

M.R.A.C. 25 YEARS AGO

During W.W. 2, the M.R.A.C. meetings were held every Thursday evening at the Public Library. Many times there would be only six or eight attending but it kept the club active. A bulletin was issued once a month giving the activities of the club and any information on members in the armed forces. If I remember correctly, this was started by Erwin Kries, W9HRM, but was picked up by Wendel Ciganek, W9SYT, and edited by him. Also, he had it sent to all members of the club regardless of where they were. This bulletin had news from home, club activities, and members. We had replies from as far away as India (18 days) telling how much it was appreciated. We were also able to have members (who knew radio) transferred to positions in radio from the misfit positions to which they had been assigned.

The F.C.C. issued permits for radio stations for the use of Civilian Defense organizations called the War Emergency Radio Service (WERS) but only to responsible governmental agencies. This because, in case of an air raid, all radio stations would be off the air and telephone communications might be bombed out. Among the restrictions they imposed were: They had to be on 112 Mc; The cabinets had to be vermin proof; The cabinets had to be locked with only approved personnel to have keys; They had to be installed in buildings heated and lighted 24 hours a day. The only available buildings were police and fire stations. Because Herb Wareing, W9NY, was Chief Engineer at the Police Radio, WPDK, it was decided to put them in police stations and he was appointed Radio Aide.

In order to get this license, it was necessary to get the Common Council to pass a resolution appointing Chief of Police Kluchesky to apply for this license in the name of the city. Alderman Brophy opposed the license stating that it would be a way for the submarines to get information! After several meetings with the Common Council, we finally got them to pass a resolution to appoint Chief Kluchesky to apply for the license. However, the City Attorney, when applying for this license, changed the word "for" (the city of Milwaukee) to read "of" (the city of Milwaukee). It was necessary to get another resolution put thru to make this change. After finally getting the license with call letters WFMI, it was necessary to get the towns in the county to agree not to apply for a license of their own. All this took a lot of time.

The next problem was to get lumber and masonite to build the cabinets. Tom Gettelman, W9IZO, donated this material together with the poles for the "J" antennas. Shorewood High School loaned us their wood working facilities for cutting the lumber. The Vliet Street Police Station provided facilities for assembling the sets. The next problem was getting the members to agree on circuits for the xmitter and receiver which would be interchangeable. Then we had the problem of getting components that could not be purchased. Among other things, we took the bases off 6L6's to shorten the leads (a common practice in early VHF experimentation--ed). We finally got together 29 units all interchangeable, including several mobile units, and had them installed, many with their own power supplies. I wound a Dodge 12-volt D.C. generator for 110 A.C. and ran it with a gas washing machine engine.

.....CONTINUED bottom next column

M.R.A.C. 50 YEARS AGO



The editor spent one interesting evening with the second president of MRAC. Some of the early experience of the club was related by Clarence Crapo, W9VD. The club was started after WWI when ham radio was again permitted in October 1919. Dr. L.S. Hillegas Baird, Cornelius Prinslow, ex 9OV, Charles Polacheck, ex 9CMP, and Clarence were among the founders. Dr. Baird was the first president but went to college the following year and Clarence took over the reigns. The club first met at the School of Engineering and later at the museum, in the director's room. They were able to get good speakers (or rather lecturers) among them Dr. Flewelling of early radio broadcast receiver fame. The club in the next few years had as many as 300 at the meetings.

No early report would be complete without giving some history of Clarence. He started back in the "wireless" days of 1911. He first got on the air with, at that time legal "bootlegging", with a spark coil and self-assigned call "CN". Until the government banned amateurs in 1917, he was active on the air. After the war, he took the exam and received his call 9VD. The "W" precedent came in the early 1920's. He was not only interested in construction and operating, but was very active in the ARRL communications system. He served as manager in various city and state districts in 1921-23 and was Wisconsin SCM until 1932. Also he served as MRAC president in 1920, 1931, and 1940. Among the mementos he showed was the WELSH VT501 tube and the SKINDERVIKEN button mike.

No single issue can do justice to the O.T.'s so the "Chatter" will conduct an "OLD TIMER'S" column, please contribute! Just to jump 50 years, Clarence is recovering very nicely from his recent illness.

CONSTRUCTION CORNER



QST of August 1969, has a good article on salvaging parts from old TV sets and constructing a low power CW rig. This is just the kind of chance we O.T.'s would have liked! Anyone needing an old TV chassis contact the editor.

continued.....25 years ago

We had a number of trained operators and gave a demonstration to Chief Kluchesky and Mr. Greeny, who was head of Civilian Defense, by contacting and getting replies from all 29 stations in three minutes. This made a profound impression on them and proved once again that the "Ham" comes thru when needed. It happened that the emergency did not arise to use W.E.R.S. but it was there if it had been needed, with a lot of trained op's including YL's and XYL's.

The making and operating the units provided continued interest in the club during that difficult time. Now we are able to say that we are the oldest continued and constantly attended radio club in the world.

Norm Barnes, W9CDY, Pres. 1942-45



Fred Catel, W9DTK
1892-1969



Fred joined the ranks of the "SILENT KEYS" December 14, 1969 as a result of a heart attack at his home at the age of 77. While W9DTK has not been active in recent years, either in MRAC or Ham radio, he was very active during the 1920's. He was Vice-President of MRAC in 1925, President in 1926 and 1947, business manager for several terms and was one of the original life members. He was editor of the Badger ARRL News, published by MRAC, in 1926. He was also active in the promotion of the Club's annual QSO parties, the initiations into the "Royal Order of the Wouff Hong" and other ham activities. At that time Fred worked for the Milwaukee Park Board and lived at the north end of Lake Park. At that location he was the most active ham station in town and handled a great deal of traffic--on CW of course!

In earlier days, Fred used the call sign "FC" in 1910, prior to the passage of the first laws regulating wireless passed in 1912. At the O.T.'s Nights, he used to tell about hanging around the United Wireless station "MK" at the Pabst Brewery. This early spark transmitter used one of the famous United Wireless "coffins"--an open core transformer which drew a couple of kilowatts off the AC line. Using a "solid state" receiver--of the carborundum variety!--this station worked the ships on Lake Michigan on 600 meters. It is interesting to note that the call sign "MK" is still used here by the Milwaukee Police Department's inter-zone radio-telegraph station. When the Milwaukee Police Dept. went on the air with WPKD in 1930, Fred was hired as the number one electrical mechanic soon after. He held this post until leaving for active Naval service.

When Matty W9ZN and Schnell W9EK were organizing hams into the Naval Reserve in 1926, Fred signed on as a commissioned officer. He was in active duty during WWII and retired in 1955 with a rank of Captain in the Reserves. After WWII he returned to the PD and after a few years, retired to operate Catel's Radio Shop at 17th and Wisconsin. In later years his hobby became painting in which he was widely acclaimed. His story is the story of early Ham activities.

Herb Wareing, W9NY

CHATTER & BAND ACTIVITIES

Herb Baker, W9GSP retired from Wisconsin Electric Power Co. after 45 years, mostly in radio communications.

John, W9GIL was called by G6ZO on 7 MHz CW and was told that W9GIL was his first W9 in 1936!

New roster going to press soon. Send any changes or corrections to Charlie Dawson, W9CUW. Also, send ARRL renewal membership to him for a savings. His address is 2345 W Skyline Road, Glendale, Wisconsin. 53209, Phone 352-9285.

Charley Ackermann, W9OWM and XYL Marge took a trip to Europe recently.

Some SS results were as follows: -K9CAN 79,950 cw, W9GIL 10,164 cw and 12,380 fone, W9GQP 6,084 fone, W9CTI 7,585 cw, and WN9BGJ 2,400 cw.

K9CAN got his Extra Class so OM W9GIL, not to be outdone, also passed his on his first try.

A.R.E.C. - - - -

Robert L. Goldstein, K9KJT
Emergency Coordinator, Milw. Co.

"HAM GOES TO THE OPERA"

When grand opera is mentioned the popular conception of a menu is caviar and Champagne, but when the Florentine Opere Company of Milwaukee put on their opening performance of "Aida" in Milwaukee's new Performing Art Center there was a serving of ham, (amateur radio ham), or rather hams served the opera.

Because of the magnitude of the production, over 400 individuals took part, and with a cast of over 250 the Art Center did not have dressing room facilities with intercom. Three rooms not designed as dressing rooms and without intercom were used by the overflow of the cast.

The production management felt there would be problems so the A.R.E.C. was asked to furnish auxiliary communications. This was a new approach to communications by the Opera Company and a new assignment to the A.R.E.C., so we all played it by ear for the preliminary sessions. But by the time of the dress rehearsals we had a system with handi-talkies functioning.

This operator feels we were needed and that we filled that need. I wish to thank all those who helped carry out this assignment: WA9JOV, W9ATK, W9SUF, WA9MME, WA9RYR, W9VQD, W9CUW, and K9PSX.

Wells Wait, WA9MLL

OPEN HOUSE

The next Open House will be at our Prexy's shack on Sunday, Febr. 22nd from 2 PM to 4 PM. In order to help clean his shack, visitors will be asked to each take one "thing". Dick Oberholtzer, W9ZPV lives at 1110 Lower Ridgeway, Elm Grove. Directions: Go west on Watertown Plank Road and straight out on Juneau Blvd. to the second road past the RR tracks. Turn South, then take the left fork.

The March Open House will be at John Scarvaci, W9GIL's. His address is 910 East Calumet. This is a chance to see a top-notch DXer's shack. Date is March 29th, from 2 PM to 4 PM.

The first Open House was held at Walt Glish, W9YYW. There were over 12 hams and beginners. Walt demonstrated CW, 2-meter Operation, 10-meter net and RTTY. Walt's gear consists of Drake 2B, Collins 32S3, Central Electronics 100 V (for sale see ad) and his 2-meter gear is a homebrewed 3-channel rack and panel job. It features pilot lights indicating channel in use and can be switched to memory. He has two RTTY rigs and can send to himself, hi! Standby rcvr is a Halli S40B and a Wireless Set #19 (whazzat?). It was too dark to see his antennas at the bottom of Wauwatosa.

JOINS STAFF

Russ Burlingame, ex-WN9SVG volunteered to help on the HAM CHATTER staff. This doubles the editorial staff to 2! Russ is an artist so the paper will be improved by his talents. He will not remain an ex-W9 much longer, he says, then up the ladder! Previously he had edited, published and struggled with the F.R.A.C. publication "Q-R-Z" so he comes well equipped to help edit, publish and struggle with us! Welcome aboard!!

PASSED EXAMS CONGRATS!

John W9GIL	Extra
Dick K9CAN	Extra
Wally W9YYW	Extra
Jack K9GZK	Advanced
Sus WN9BGJ	General
Dave WN9BWP	General



SILENT KEYS

Hugh Wilson	W9NAV
Fred Catel	W9DTK
William Birch	K7KCJ, ex-W9PNC



'Not So DX' - From Other Clubs & Organizations**Megacycle****racine**

The club is composed of hams from Racine, Kenosha, Burlington and Waterford areas. Meetings are on the 2nd and 4th Mondays in the Civil Defense room in the Safety Building in downtown Racine. Visitors cordially invited. Club is active on 29.6 MHz FM with 10 mobile and 5 base stations. Plans are being made to use the 29.5 rigs during a road rally held here as base and checkpoints. The SET exercises will be participated in again. With non-amateurs in the club, theory sessions are held for them and others that wish to upgrade themselves.

OFFICERS

President Lane Gehrig, WA9WEZ

Vice Pres. Ken Fonstad, WA9TBQ

Sec.-Treas. Bill Erickson, WA9TPQ

Lane Gehrig, WA9WEZ

Hamtrix**west allis**

WARAC holds its meetings on the 2nd and 4th Tuesdays at 8:00p.m. Visitors welcome! Meeting place is at the McKinley Field House, 1000 South 72nd Street. The annual Christmas Party was held on December 9 at the fieldhouse. The ladies auxiliary served ham, beef, two potato salads, beans, jello, cakes and more deserts plus pre-party punch bowl. Raffle tickets for the Ranger xmtr is going slow. Shell out fellows! Norm, W9SKF, bemoans the lack of homebrewers PLUS lack of operators when needed.

Lynn Tamblyn, WA9KRF

Bear Facts**bell****BELL EMPLOYEE AMATEUR RADIO SOCIETY OF WIS.**

The meeting place at Torbeck's is no longer available. This won't keep 'em from having the usual Winter "T" Party. Sure enough, Jan. 1970 issue announced the "Winter 'W.H.' Party" (formerly 'T' Party) to be held at WESTWARD HO restaurant on January 16th.

NEW OFFICERS

President Walt Fitting, W9OI

Secretary Ray Baumdicker, K9HNR

Still Treas. Charlie Dawson, W9CUW

QRZ**menomonee falls**

The Menomonee Falls Radio Amateur Club meets on the last Tuesday of every month at the Menomonee Falls Village Hall, Emergency Operating Center. The current roster lists 27 members, some of whom are also members of the Milwaukee Club. Bob Francisco, W9DIM, showed his frequency counter pre-scaler at a recent meeting. Using 3 IC's, it extends a 1 MHz top frequency counter to about 30 MHz. It uses only about 10 millivolts at its input.

Elections held Jan. 27 re-instated all regular officers, as published in the previous Hamateur - Chatter issue, plus two board members: Harland Craft, WA9LAF, and Jack McLeland, W9ATK.

The January meeting also included the "Clean-Up-The-Shack-&-Sell-That-Junk" mart. There were some who went home smiling - and others carried the same "goodie-boxes" that they came with.

HAM-ADS

SELL OR SWAP - - Apeco Dry Copy Machine, with 8 1/2 X 11 & 8 1/2 X 14 paper: \$75 or ? Cent.Elec.100v \$300. Walt Glissh, W9YYW, 453-6693

FOR SALE -- Hickok Mod. 121 Cardomatic Tube-Checker: \$55. Boonton Sig. Gen. Mod. 82: \$165. Wally, W9FQV, 781-3799

Feedback**ozaukee**

Ozaukee Radio Club meets monthly on progressive days of the week so everyone gets a chance to attend a few meetings a year. The next meeting days are Feb. 12 and Mar. 13 at the Hilltop School at 8:00 p.m. Hilltop School is at the junction of Highways 32 and 33 in Port Washington. Their post-Christmas, post-New Year, pre-Valentine dinner will be held after the SET exercises Jan. 24. New club shoulder patches have been ordered so Ozaukee will be identified at Hamfests, etc. An ambitious 2-meter xmtr-rcvr project is past the planning stage. The club has a net on 144.55 and invites the Milwaukee boys to report in.

OFFICERS

President Jeff Klopp, WA9YBM

Vice Pres. Grant T. Kritchman, WA9SFI

Treasurer Richard F. Hustung, Sr. WA9TZU

Secretary Daniel J. Smies, WA9RPB

Ed Bach WA9BMA

W9HHX**MILWAUKEE SCHOOL OF ENGINEERING**

The M.S.O.E. Amateur Radio Club is the oldest student organization on the campus and dates back to 1910. Presently the membership is 27. It represents a high degree of technical proficiency in all phases of ham radio and electronics. Among them are three extra class, nine advanced and three first class radio telephone licensees. New growth is also seen in the club with five non-licensed and two novices.

The club station is well equipped and includes the following and more: Collins 75A4, 30S1, G.E. 100E, the famous "Black Box" with PP 4-400's, Clegg Interceptor on 6-meters, Motorola D33GGV on 2-meters, RTTY Model 15 and Preforator, TH 6 Tribander, 3-el Quad tribander, 11-el on 6 meters and dipoles on lower frequencies. The highlight of the fall term was the purchase of new equipment for novice operation. This is the first addition of new equipment in five years and was undertaken thru dues. The new equipment is a Drake 2B and a Johnson Ranger. This new rig affords a back-up station to the main station.

Operating proficiency of W9HHX members remain high. Three exotic DX were contacted this fall: Saudi Arabia, Laos and Mongolia. They were the second station to work Cape Kennedy ham station WB4ICJ after Apollo XI lift off for which they received a commemorating certificate. In Field Day tests, they were 15th in the country and 1st in Wisconsin. They operated from Lapham Peak with two transmitters operating with portable generators and ten operators. They amassed a total of 1350 contacts, bettering the previous year by forty per cent. They received second place in "Worked All Europe" RTTY contest last spring but their top honor is the "Worked All Zones" award after twenty years of effort.

Regular meetings are held in the Allen-Bradley Theater basement every three weeks. The remainder of the year schedule is as following: Feb. 20, Mar. 13, Apr. 3, Apr. 24 and May 15 at 7 p.m. All visitors welcome!

OFFICERS

President Lee Michaud, K800V

Vice Pres. Roger Hoffman, WA9IYA

Treasurer Richard Drew, K9PJB

Secretary Ted Williams, WA9IOC

Lee Michaud, K800V

SELL: 1-TPS 592A/UPM-15 Pulse Gen \$40. 1-Heath Q Mtr New \$40. K9ISI, 4549 N.38, Milwaukee, 53209

April 20, 1967



John C. "Jack" Doyle, W9GPI--1894-1968

Photo Shorewood Herald

EDITOR'S CORNER



This issue is mainly devoted to the Old Timers and we tried to bring a few memories to the older hams. A few in the active ranks had operated in the spark days, then called wireless, and thru to this day. Their collective story, with those who followed, is the story of the development of radio and electronics. Theirs is a story of the development of radio and electronics. Theirs is a story from almost totally home-brewing to almost totally store appliances! Theirs is a story of DX, first across town, then across the state, then country, then oceans and now the moon! Their story of emergency and public service work could fill several volumes! It's been a thrilling tale, all Ham and a yard wide!!

But at this point, we stop a moment and look about and ahead. We old-timers might look to give a helping hand to the young-timers coming up. Let's seek them out and give of ourselves and share our experiences and knowledge. Let this be one of the objectives of our Club.

Chet, W9CTI, Acting Editor

PICNIC

The annual picnic of the M.R.A.C. was held on Sunday, August 17, in Kleisch Park. We had a beautiful day and a terrific turnout. Charlie Dawson, W9CUW, and Travis Baird, W9VQD, deserve all the credit for making the day a success--They procured all of the beer and pop...and returned all the empties. Travis also did his usual good job in getting prizes for the kids. Games for the kids were conducted by Lowell, W9NGV, and Mark, WA9VYP--all the kids won prizes. Sus, WN9BGJ, won the case of beer for guessing the correct number of beans in the jar (1234). He guessed the exact number. Everyone had a good time and we are looking forward to a bigger and better picnic next year. A surprise visitor was Tom Gettelman, W9IZO, who is now residing in VE7-land.

Lowell, W9NGV



Emil R. Felber, Jr., W9RH, operating and Norman Barnes, W9CDY, logging during W.E.R.S. training. The Journal carried a fine article and pictures of this activity Feb. 1, 1945.



Erwin W. Kreis, W9HRM, at a W.E.R.S. Station

A.R.E.C. NEWS

HALLOWEEN WATCH, Friday, Oct. 31, was again maintained by the AREC with 22 participating. There were no incidents in any of the spots under surveillance. The Sheriff's Department expressed words of appreciation for a job well done.

UWM HOMECOMING PARADE, Friday, Nov. 7, was aided by Dick, WA9MME, and his lads. Jay, WA9VET; Jim, K9ZYS; Jack, W9ATK, and Chet, W9CTI helped out.

VETERAN'S DAY PARADE, Saturday, Nov. 8, was directed with Harold, K9CMX, in charge. Everett, K9PSX, and Warren, K9RCP, worked hard while Jack, W9ATK, and Bob, K9KJT, rode around in Navy jeep and truck. There's some fun boys, JOIN AREC!

AREC activities are not confined to members alone. Non-members are welcomed and urged to participate as second ops are always needed. No equipment is needed either, as extra handy-talkies are on hand.

Robert L. Goldstein, K9KJT
E.C. Milw. County

BAND ACTIVITIES



160 meter activity is picking up. QRN is dropping and DX is coming in.

Nov. 5, 6, and 7 were good 2-meter nights. Did you work some goodies?

Ted, W9NHE, is experimenting with Amateur TV. Wants sked. Ted, Sr., WB9BVA, is on 146.94.

HOW ABOUT MORE REPORTS FROM YOU ACTIVE ONES? WA9SYD with WA9VNJ were among the leaders in Field Day competition.

DID YOU REPORT YOUR SWEEPSTAKES SCORE TO WALLY, W9YYW, FOR CLUB COMPETITION? DEADLINE DEC. 15.

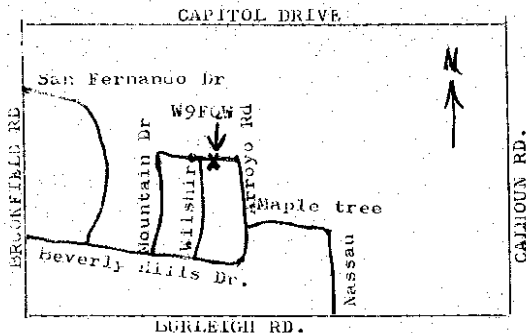
NEXT MEETINGS

Dec. 11 meeting will feature a talk and demonstration by Harold Isenring, W9BTI, on the proper feeding of UHF and VHF antennas.

Jan. 8 is OLD-TIMERS NIGHT at Pabst Rathskeller. Any O.T. O.T.'s needing rides that night contact Dick, W9ZPV, or the editor.

OPEN HOUSE

MRAC is instituting, thru cooperation of local hams, open house nite once a month. This is a chance for hams and newcomers to become acquainted with other hams and their gear. The first will be held Nov. 24 at Wally Glish, W9YYW's, shack. The next will be Jan. 24 at Wally Genske, K9FQW's, from 1900 to 2100. His address is 3460 Wilshire Rd., Brookfield. The map below will aid in directions.



NEIGHBORHOOD NEWS

FALLS RADIO AMATEUR CLUB

First, we want to thank the Milwaukee Club and the editor for the opportunity to be included in "Hamateur Chatter" via this "local news" column for the Falls Club. This will be like riding in a new Cadillac compared to an old Model "T" after our two years of producing "QRZ" by Xerox machine.

Now, (Falls Club members, note:) all we have to do is make some "News" worthy of this change.

The publication of "QRZ" as a separate paper will end with the up-coming November issue, subject to discussion at the next meeting of the Falls Club on November 25.

Russ Burlingame
Sec'y F R A C

OFFICERS:

President	William Lob, W9SEC N72 W15982 Good Hope Rd., Men. Falls 53051
Vice-Pres.	Clem Wittbrodt, WA9DSP N67 W14098 Jerry Lane, Men. Falls 53051
Secretary	Russ Burlingame 6045 W. Leon Terrace, Milwaukee 53218
Treasurer	Louis Miller W176 N9127 Roosevelt Dr., Men. Falls 53051

WEST ALLIS RADIO AMATEUR CLUB OFFICERS:

President	George Schlessinger, K9ILV
Vice-Pres.	Robert Pirkel, WA9RUX
Secretary	Miss Terri Czaja, WA9WNI
Treasurer	Fred Rusch, WA9QZIfrom "HAMTRIX"

SELL OR SWAP--Apeco Dry copy machine with 8-1/2 x 11 and 8-1/2 x 14 paper. \$75 or ? Walt Glish, W9YYW, 453-6693.

WANTED--more names to add to "HELPING HANDS".

LOST or FOUND--Club typewriter.

HAM-ADS WILL NOT be repeated unless requested.



SILENT KEYS

Walter A. Pritchard, W9CUS
Joseph T. Collins, W9PYM

HAVE YOU paid your dues? Here's FB letter from Bob Stuckert, WA9SYD, when he paid:

Charlie,

Sept. 13, 1969

My address at Case Western Reserve U is below. The campus radio club, W8EDU, (Pres. Dick's old call) is well equipped with Collins gear--KWM-2, 755-3, 325-3. Also a Drake R4A and two meter transverter. There is a big old (or sort of old) Motorola narrow band 2 M FM transceiver. The dorm that I live in is on the highest ground in Cleveland (quite a view when the smog over the city lifts). The radio club wants to put the shack in the eighth floor penthouse, but the dorm residents voted it down due to probable TVI, etc. problems. Most people just don't have any confidence in bypass capacitors and/or high pass filters.

I am working for Chi Corp. as a Fortran programmer for the Univac 1108. Also am playing tennis. Last, but not least, is studying. Contrary to popular opinion, college students do spend a lot of time on the books.

73,
Box 310, Carlton II
11900 Carlton Road
Cleveland, Ohio 44106

Bob

NETWORK OPERATION IN WISCONSIN

"Networks, networks everywhere and not a QSO in the bunch!" This rather brutal distortion of the passage from the Ancient Mariner is probably more truth than fiction. Between 5PM and 9PM on 75 meters, there are more networks operating than all other bands put together. I'm sure that some of you have heard the disgruntled operator who said that everytime he called CQ he was on some net frequency. Actually, he should count his blessings, because if all these stations were scattered over the band, instead of being congregated, it would be something else! Actually, a network is a group of two or more stations that get together for the purpose of exchanging information, to send and receive messages addressed to a third party, or to discuss technical matters, to handle other traffic varying from completely frivolous to emergency information.

Amateur network operation goes back a long way. However, it is generally agreed that formal network operation began in earnest in Wisconsin right after WW2, and it began in Milwaukee, with Cy Shallow, W9SQK, and a few others getting together with about 12 others scattered over the state. They started the Badger Emergency Net, which has operated continuously for 23 years, 7 days a week, 365 days a year and at one time had a daily check-in of 90 stations or more. The record check-in of 141 stations, December 23, 1962, still stands. I recall the nite, because conditions were right for long skip, and we handled over 30 messages from Bob Hope and his Military Camp Show from an air base at Thule, Greenland. When long skip went out, they relayed via a VE station in New Foundland.

to be continued.....Sherman Carr, W9NGT

CHATTER

The latest QWCA directory shows about 27 Wisconsin state members. Most of these are in the Milwaukee area. How about some O.T. sponsoring a little get-together?

SUBSCRIBE OR RENEW QST thru Treas. Charley, W9CUW, and save.

This paper plans to have a "Chatter Box" on the counter of Amateur Electronics Supply. Please include your name and call with news items.

ERRATUM--OOPS! We goofed! In October issue, we made an error on page 2 column 1 line 65 and column 2 line 43. Please correct MILT KRAUTHOFF's name.

HAM-ADS

ATTN. all WATS members in Wisconsin area. TELETYPE CORP. Model 26's are available, clean and working. Only \$15. Jack, W9ATK, 352-0292.

FOR SALE--Moto T 43 GGV 2-meter Xmtr. on 146.67 w/accessories, \$125. Jim, K9ZYS, 476-1808 or (bus.) 271-5220.

FOR SALE--Hickok Mod. 121 Cardomatic tube checker, \$55.

Boonton Sig Gen Mod. 82, \$65. Xceiver Moto T-43 AAD, 12 V. Mobile w/late model accessories, \$160. Wally, K9FQV, 781-3799.

FOR SALE--Drake TR3 mint condx, \$425. Tony, W9ASI, 463-5652.

WANTED--HAMATEUR CHATTER issues Nos. 1, 3, 7 and 15 for publisher's file. No. 15 is an unnumbered issue but can be identified by "CARL, W9ROM" in large letters on bottom.